



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3121-23

Job Sheet 197554



Part No: D3121-23

Job Qty: 50 pcs

Part Name: Bearing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/10/19

Job Tracking No:

Due Date: 7/19/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV E IPP A: 04.02.19 New Issue KJ/DS IPP Rev:B ECN 1060 07-11-12 DD verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	50 pcs	7/19/19	7/19/19	0.00	0.00	Purchasing - 1	JUL 16 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	50 pcs	7/19/19	7/19/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	JUL 16 2019
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S198173



Part: D3121-23

Job No: 197554

Serial No/Batch: S198173

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 07/19/19

Plex 7/10/19 11:45 AM dart.lavoie.chantal

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	50 pcs	7/19/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	81
				QC 6 - 40	9-89
				QC 6 - 81	SEP 04 2019
130 Packaging 3-1 - Stock - B4B	50 pcs	7/19/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	pc
				Packaging 3 - 24 - B4B	st 018
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	50 pcs	7/19/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

Part Op 100 - Purchasing - Issue P/O: _____ Bearing as per Dwg D3121 Possible Supplier: SKF P/N: 61900-2Z or KML
 Descriptions: P/N: 6900-ZZ

110 - Receive & Inspect for Damage & Mat'l Certs - Ensure Material Release Note is attached

120 - QC6- All purchased or subcontracted products - Inspect dimensions as per Dwg D3121 and attached certification
 Dwg Rev _____

130 - Identify as per dwg & Stock Location: _____

140 - QC21- Final Inspection - Work Order Release

7/10/2019

[Dart Hawkesbury] Job Sheet - Lavoie, Chantal

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
6900ZZ	Bearing D3121-23	50 pcs (1 ea)	100-Purchasing	5198172

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6900ZZ	50	0	0

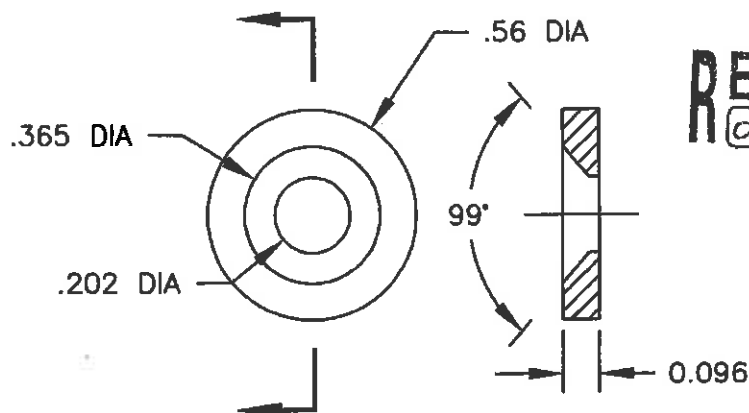
Main

Part Specifications
Specifications could not be found.

Plex 7/10/19 11:45 AM dart.lavoie.chantal

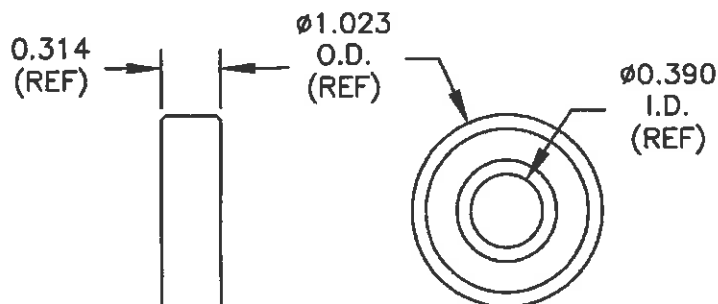


DESIGN #	DRAWN BY LE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3121	REV. E SHEET 10 OF 10
DATE 07.11.07		TITLE BRACKET ASSEMBLY	SCALE 1:1



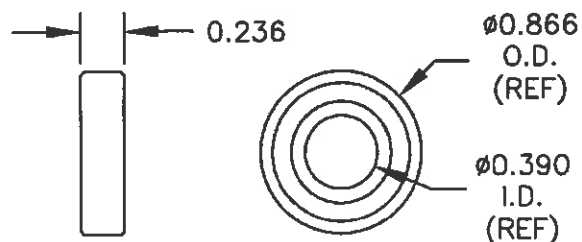
D3121-17 WASHER (SCALE 2:1)

- 1) REPLACES PREMIER P/N B32-23001-17
- 2) MATERIAL: AISI 303 SS ROUND BAR, ANNEALED (REF DART SPEC. M303R)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015



D3121-19 BEARING (SCALE 1:1)

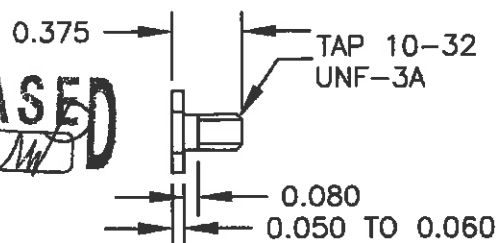
- 1) POSSIBLE SUPPLIER: KING BEARING P/N 6000-2ZJ/EM FAFNIR P/N 9100KDD
- 2) ALL DIMENSIONS ARE IN INCHES



D3121-23 BEARING (SCALE 1:1)

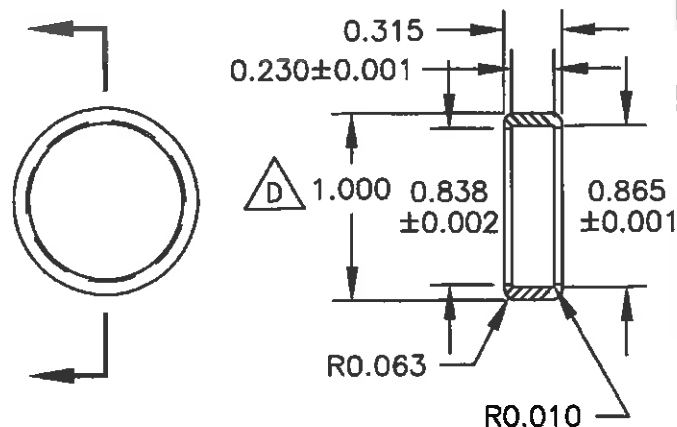
- 1) POSSIBLE SUPPLIER: SKF P/N 61900-2Z OR KML P/N 6900-2Z
- 2) ALL DIMENSIONS ARE IN INCHES

RELEASED
07.11.07



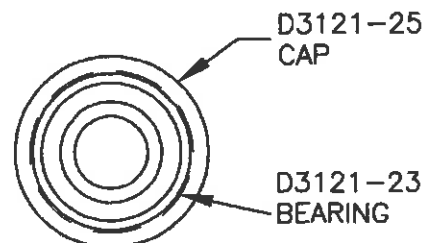
D3121-21 BOLT (SCALE 1:1)

- 1) MATERIAL: AISI 303 SS HEX, ANNEALED (REF DART SPEC. M303H0.500)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015



D3121-25 CAP (SCALE 1:1)

- 1) MATERIAL: DELRIN ROD, Ø1.25 (REF DART SPEC. M-DELIN-R1.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES



D3121-241 BEARING ASSEMBLY (SCALE 1:1)

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043993



Supplier: MAI001-VC
Main Industrial Sales Ltd.
1475, Tessier
Hawkesbury
ON
K6A 3S6 Canada
Phone: 613 632 3595
Fax: 613 632 0262

Attention: Bourgon, Rachelle

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043993

PO Date: 7/12/19

Due Date: 7/19/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
①	197553	6800ZZ	68002ZKML		Bearing D3183-5	Firmed	-	7/19/19	50 pcs	0 pcs	50 pcs	\$1.58/pcs	\$79.00
							50 x JUL 16 2019						
②	197554	6900ZZ	69002ZKML		Bearing D3121-23	Firmed	-	7/19/19	50 pcs	0 pcs	50 pcs	\$1.62/pcs	\$81.00
							50 x JUL 16 2019						
Grand Total:													\$160.00

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/16/19 8:16 AM dart.belanger.natasha

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE July 12, 2019
NUMBER 0000238029
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
HB043993 ✓	EC	12-Jul-19		0000238029
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK / LOCAL	NET 30 DAYS		
PART NUMBER	LOCATION	UOM	QUANTITY	
DESCRIPTION			REQ.	SHIPPED B.O.
0-68002ZKML ✓ BALL BEARING	6D6	EA	50	50 ✓
0-69002ZKML ✓ KML BALL BEARING	6D6	EA	50	50 ✓

RECEIVED
JUL 12 2019
DART AEROSPACE LTD.

CERTIFICATE OF COMPLIANCE

RE: 6900-ZZ BEARING

To Whom It May Concern:

Our bearing rings and balls are made of high carbon chromium steel GCr15 which has a chemical composition equivalent to SAE 52100. The hardness of bearing rings is HRC 59-64 and HRC 60-65 for steel balls. Unless specify, bearings are 25-30% filled with Alvania No. 2 grease or Chevron SRI#2 grease or equivalent.

Stella Fan
Phone: 905-629-4255
Fax: 905-629-2358

**SMART
SUPPLIES**

not
supplier

No PO#
No Qty
No Signature

See last
page for
correct cert. -Vm

KG

Kimberley Guerin

Tue 7/16/2019 8:45 AM

Natasha Belanger; Derick Paul

Hey – as we just discussed, the CoC is from a third party that Main purchased from so they will not mark our PO # and the quantity is questionable as they may have ordered more to keep in their stock.

I can request for it to be physically signed, but that's all – please advise.

Thanks,
Kim

NB

Natasha Belanger

Tue 7/16/2019 8:33 AM

Kimberley Guerin; Derick Paul

POHB043993 Main.pdf

725 KB

Hi Kim,

After verifying with quality the above COC's are not acceptable from Main.

As I indicated on PS, we are missing PO#, Qty & signature.
Please send a request for revised copies from supplier.

Thank you,
Natasha
Warehouse Receiver

DART AEROSPACE
T 1 613 632-5200 > 248
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com



KG

Kimberley Guerin

Tue 7/16/2019 8:03 AM

Natasha Belanger; Derick Paul

Done!

NB

Natasha Belanger

Tue 7/16/2019 7:22 AM

Kimberley Guerin; Derick Paul



Good Morning,

On the above PO, we need to make line 2 like line 1.

On line 1 under Supplier Part# we have 68002ZKML

On line 2 under supplier Part# we need to add 69002ZKML, so we match with the PS.

Please advise receiving once completed.

Thank you,

Natasha

Warehouse Receiver

DART AEROSPACE

T 1 613 632-5200 > 248

F 1 613 632-5246

1 800 556- 4166

www.dartaerospace.com





SMART SUPPLIES

5586 Ambler Drive
Mississauga, ON L4W 2K9
Tel: (905)629-4255
Fax: (905)629-2358
info@smartsupplies.ca

CERTIFICATE OF COMPLIANCE

RE: 6900-ZZ BEARING

To Whom It May Concern:

Our bearing rings and balls are made of high carbon chromium steel GCr15 which has a chemical composition and equivalent to SAE 52100. The hardness of bearing rings is HRC59-64 and HRC60-65 for steel balls. Unless specified, bearings are 25-30% filled with Alvania No. 2 grease or Chevron SRI#2 grease or equivalent.

Issued by:
Smart Supplies



Stella Fan

PO HB 043993